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Substitute	for form 1449A/PFO		G)	Application Number	10/799,146
	וטנ 🚽	102	M M	Filing Date	MARCH 12, 2004
INFO	RMATION	CLOS	SUATE	First Named Inventor	YUXIANG WANG, ET AL.
	EMENT BY A			Group Art Unit	UNKNOWN 2813
_		- Challes		Examiner Name	UNKNOWN HARRISON
	(Use as many sheets as n	ecessary)	Attorney Docket Number	AMAT/8244/DSM/BCVD/JW
Sheet	1	of	3	Submission Date	6/7 , 2004

			U.S. PATENT	DOCUMENTS		
Examiner Cite		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
nitials*	No.'	Number-Kind Code ^{2 (# known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
MAT	A1	US-6,635,583 B2	10/21/2003	Bencher, et al.	/	
ĺ	A2	US-6,624,064 B1	09/23/2003	Sahin, et al.		
	A3	US-6,573,030	06/03/2003	Fairbaim, et al.		
	A4	US-6,541,397 B1	04/01/2003	Bencher		
	A5	US-6,458,516 B1	10/01/2002	Ye, et al.		
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		FORE	IGN PATENT	DOCUMENTS		
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or	T [®]
Initials*	No.'	Country Code ³ -Number ⁴ -Kind Code ⁹ (il known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Figures Appear	
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	B3	•				
	B4					
	B 5					<u></u>

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Date Considered

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JUN 1 0 2004

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Sheet | 2 of | 3

Application Number	10/799,146
Filing Date	MARCH 12, 2004
First Named Inventor	YUXIANG WANG, ET AL.
Group Art Unit	UNKNOWN 2813
Examiner Name	WINKNOWN HARRISON
Attorney Docket Number	AMAT/8244/DSM/BCVD/JW

2004

			U.S. PATENT	DOCUMENTS	
Examiner Cite No.1	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant
	Number-Kind Code ² (8 known)	MM-DD-YYYY	Applicant of Cited Document	Figures Appear	
MDH	A19	US-6,153,935	11/28/2000	Edelstein, et al.	\
	A20	US-6,143,476	11/07/2000	Ye, et al.	
	A21	US-6,140,226	10/31/2000	Grill, et al.	
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	A43				
	A44				
	A45				
	A46				

Submission Date

Date Considered Examiner

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B 11	י אן	Application Filing Date First Name Group Art Examiner Attorney D	Filing Date	MARCH 12, 2004
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	TÄÄ	Group Art Unit	MUNKNOWN-2113	
	Application Number 10/799,146 DISCLOSURE Filing Date MARCH 12, 2004 First Named Inventor YUXIANG WANG, ET AL. Group Art Unit UNKNOWN 2) 13 Examiner Name UNKNOWN HARKS			
Filing Date MARCH 12, 2004 Filing Date First Named Inventor YUXIANG WANG, ET AL. Group Art Unit Examiner Name UNKNOWN 2) 13 Examiner Name Attorney Docket Number AMAT/8244/DSM/BCVD/JW				
3	of	3	Submission Date	<u>6/7</u> ,2004
	RMATION DISC EMENT BY AP	RMATION DISCLOSEMENT BY APPLIE	RMATION DISCLOSURE EMENT BY APPLICANT Use as many sheets as necessary)	To form 1449B/PTO JUN 1 0 2004 Application Number Filing Date First Named Inventor Group Art Unit Examiner Name Attorney Docket Number

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T2
MD+	C1	U.S. Patent Application 10/768,724, filed on January 30, 2004. (AMAT/8736)	
	C2	U.S. Patent Application 10/800,112, filed on March 12, 2004 (AMAT/8245)	
	СЗ	U.S. Patent Application 10/799,147, filed on March 12, 2004 (AMAT/8390)	·
V	C4	U.S. Patent Application 10/383,839, filed on March 7, 2003 (AMAT/6328.C1)	
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Examiner Marcia D. Am. Date Considered 12/12/05

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SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT BY
APPLICANT

(Use as many sheets as necessary)

of

Application Number	10/799,146
Filing Date •	March 12, 2004
First Named Inventor	Wang, et al.
Group Art Unit	28422813
Examiner Name	Craig Thompson, et al HARMISIN
Attorney Docket Number	AMAT/8244/DSM/BCVD/JW
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			U.S. PATENT	DOCUMENTS	
	Cite No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant
riivais	140.	Number-Kind Code ^{2 (Il known)}	MM-DD-YYYY	Applicant of Cited Document	Figures Appear
MDH	A1	US-6852647	02/08/2005	Bencher	
	A2	US-6624064	09/23/2003	Sahin, et al.	
	А3	US-6596627	07/22/2003	Mandal	
	A4	US-6541842	04/01/2003	Meynen, et al.	
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V	A17	US-5262262	11/16/1993	Yagi, et al.	

Submission Date

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²
Molt	C1	U.S. Patent Application 60/565,639, filed on April 26, 2004. (AMAT/8762L)	
V	C2	U.S. Patent Application 60/649,344, filed on February 2, 2005. (AMAT/9631L)	
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Examiner Monce 10, 19am Date Considered 12/12/05

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SUPPLEMENTAL INFORMATION
DISCLOSURE
STATEMENT BY APPLICANT

 Application Number
 10/799,146

 Filing Date
 MARCH 12, 2004

 First Named Inventor
 WANG, et al.

 Art Unit
 2012 → \$13

 Examiner Name
 -CRAIG THOMPSON + 12, INC IS CO.

(Use as many sheets as necessary)

Sheet 1 of 2

Attorney Docket Number AMAT/8244/DSM/BCVD/JW

			U.S. PATENT	DOCUMENTS	
Examiner Initials *	Cite No.'	Document Number Number - Kind Code ² (il known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Whare Relevant Passages or Relevant Figures Appéar
mor	A1	US-5,022,959	06/11/1991	Itoh, et al.	/
1	A2	US-5,674,573	10/07/1997	Mitani, et al.	
	A3	US-5,998,100	12/07/1999	Azuma, et al.	
	A4	US- 6,352,922	03/05/2002	KIM	
	A5	US- 6,653,735	10/21/2003	Zhang, et al.	
	A6	US- 2004/0023502	02/05/2004	Tzou, et al.	/
	A7	US- 2004/0038537 A1	02/26/2004	Liu, et al.	
	A8	US- 2004/0166691 A1	08/26/2004	Nieh, et al.	
4/	A9	US- 2004/0180551 A1	09/16/2004	Biles, et al.	
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Examiner	Cite	Foreign Patent Document	Publication •	Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (il known)	Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	TO
not	B1	DE 103 28 578 (English abstract)	02/26/2004	Matthias		X
1	B2	EP 0 381 109 (English translation)	01/29/1990	BIRKLE, ET AL.		X
	B3	EP 0 901 156	03/10/1999	STEINER		
<u> </u>	B4	JP 09 045633 (English abstract)	02/14/1997	YASUHARU		<u> </u>
	B5	JP 11 026578 (English abstract)	01/29/1999	TETSUJI		<u> </u>
1/	B6	WO 00/05763	02/03/2000	NAIK, ET AL.	(

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Sheet

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary) of 2

	Complete if Known
Application Number	10/799,146
Filing Date	MARCH 12, 2004
First Named Inventor	WANG, et al.
Art Unit	2812 2813
Examiner Name	CRAIG THOMPSON HMUSON
Attorney Docket Number	AMAT/8244/DSM/BCVD/JW

		NON PATENT LITERATURE DOCUMENTS	·
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial; symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ²
Mit	C1	Liu, et al., "Generating Sub-30nm Poly-Silicon Gates Using PECVD Amorphous Carbon as Hardmask and Anti-Reflective Coating", Proceedings of the SPIE, BELLINGHAM, VA, US, vol. 5040, no. 1, February 25, 2003, pages 841-848.	
	C2	PCT Notification of Transmittal of the International Search Report dated May 31, 2005 for PCT/US05/008070. (AMAT/8245PCT)	
$\sqrt{}$	C3	PCT Written Opinion dated May 31, 2005 for PCT/US05/008070. (AMAT/8245PCT)	
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	Examiner Signature Mouch banks	Date Considered	12/12/05
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of 2

Complete if Known Application Number 10/799,146 Filing Date March 12, 2004 First Named Inventor Wang, et al. Art Unit 28120313 Examiner Name Monica D. Harrison

(Use as many sheets as necessary)

APPM/008244/DSM/BCVD/JW Attorney Docket Number

			U.S. PATENT	OCUMENTS		
Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant	
Initials *	No.	Number - Kind Code ² (if known)	MM-DD-YYYY	Cited Document	Passages or Relevant Figures Appear	
Midit	A1	US-4,975,144	12/04/1990	Yamazaki, et al.		
	A2	US-6,043,167	03/28/2000	Lee, et al.		
7	A3	US-6,428,894	08/06/2002	Babich, et al.		
1	A4	US-6,884,733	04/26/2005	Dakshina-Murthy, et al.		
	A5	US-2004/0038537	02/26/2004	Liu, et al.		
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SUPPLEMENTAL

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet of 2

Complete if Known					
Application Number	10/799,146				
Filing Date	March 12, 2004				
First Named Inventor	Wang, et al.				
Art Unit f	2812 : 281.3				
Examiner Name	Monica D. Harrison				
Attorney Docket Number	APPM/008244/DSM/BCVD/JW				

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
MAH	C1	PCT International Search Report for PCT/US05/005855 dated October 13, 2005. (APPM/008244PC.02)	
1	C2	PCT Written Opinion for PCT/US05/005855 dated October 13, 2005. (APPM/008244PC.02)	
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